



SMART
ENERGY
DESIGN
Assistance Center

INNOVATIVE WAYS TO ACCESS ILLINOIS ENERGY OFFICE INCENTIVES

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Innovative Ways to Access Incentives

- Who am I?
- Energy Solutions Manager, 360 Energy Group
- 19+ years experience in lighting and energy efficiency projects
- **I will present innovative examples of ways to access incentive funds from the Illinois Energy Office including audits, grants and incentives**

Energy Efficiency Portfolio Standard Illinois Energy Now

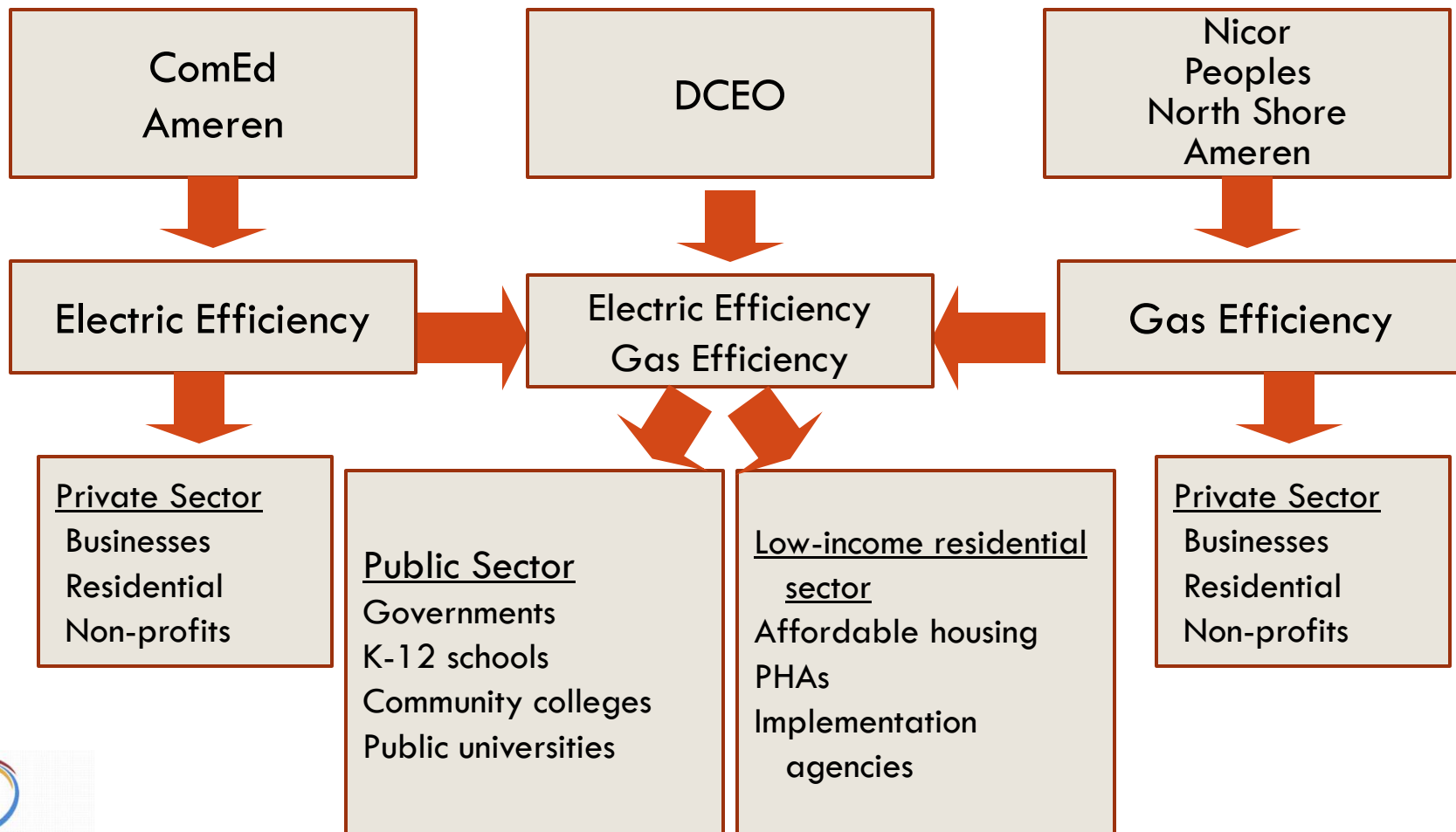
What is Illinois Energy Now?

- **In 2007**, legislation amended the Illinois Public Utilities Act and required that the State's largest utility providers and the Department of Commerce & Economic Opportunity (DCEO) develop a portfolio of **electric** energy efficiency programs to meet legislative goals that reduces energy demand.
- **In 2009**, legislation was passed to include **natural gas** energy efficiency programs to meet legislative reduction goals.
- **Illinois Energy Now** is the Department of Commerce & Economic Opportunity's program that is designed to administer the electric and natural gas rebates for public sector customers.

Estimated Budget for Illinois Energy Now

Year	Electric	Natural Gas
2011	\$ 54 million	\$15 million
2012	\$ 55 million	\$17 million
2013	\$ 55 million	\$18 million

PROGRAM STRUCTURE



Energy Performance Contracting (EPC)

- Energy performance contracting redirects energy, water and operations & maintenance savings to amortize building improvements without up-front costs. Performance and savings are guaranteed over term of contract
- DCEO provides no cost technical assistance and advice that includes:
 - ▣ Boilerplate documents:
 - Request for Proposal
 - Energy Audit Agreement
 - Energy Service Agreement
- Measurement and Verification Assistance
- For more information:
 - ▣ Contact Wayne Hartel (217-785-3420) wayne.hartel@illinois.gov

Building Industry Training & Education

- *Programs to train students and the building industry as well as to enhance the capacity of efficiency service providers, in order to meet long-term Program goals and includes:*

1. Commercial & residential green building practices
2. Building code and beyond code training
3. Building Operator Certification (www.boccentral.org)
4. Rater training
5. Illinois Home Performance with Energy Star
6. **Application Assistance Provider- last year ended 5/11**

IGEN Aggregation Program for Community Colleges

- ❑ Allows IL Community Colleges to work together and to combine projects in an effort to simplify the overall application process & quickly deliver energy efficiency savings.
- ❑ IGEN will compile energy efficiency projects, submit them to DCEO and will manage project implementation.
- ❑ New delivery channel to hard to reach customers.
- ❑ Training and Technical Assistance to program grantees will be provided to develop aggregated project applications.

Smart Energy Design Assistance Center (SEDAC)

- Partnership between the University of Illinois at Urbana-Champaign and 360 Energy Group- over 800 audits completed
 - ▣ SEDAC Design Assistance Experts and Energy Service Providers
- Assist public sector and private building owners identify opportunities to save energy and money
- Provide energy audits, analysis and design assistance including:
 - ▣ Design review and/or site inspection
 - ▣ Computer modeling of base case and alternatives with ECMs
 - ▣ Energy savings analysis
 - ▣ Life cycle cost analysis
 - ▣ Final report with recommendations
- Retro-Commissioning

ILLINOIS ENERGY NOW

Retro-Commissioning Program

- ❑ Provides public sector funding to identify and implement low cost tune-ups and adjustments to existing building operating systems with a focus on HVAC and building control systems.
- ❑ Administered by Smart Energy Design Assistance Center (SEDAC)
- ❑ Year 3 provided funding for ~16 projects
- ❑ Tune-up opportunities not end-of-life

Illinois Energy Efficiency Opportunities

- ❑ **Illinois Clean Energy Community Foundation (“ICECF”)- created in 1999 with a \$225 million endowment- was the only game in town for K-12 schools until the EEPS was enacted- funded millions of dollars of lighting upgrades for schools**
- ❑ **ICECF is concentrating on filling the gap in renewable energy projects for public institutions**
- ❑ **Public entities can apply for technical assistance in design of new buildings, renewable energy systems such as solar PV, solar thermal and wind. ICECF has wide discretion in awarding grants**

Thank You for Your Interest

Feel free to call Mike Stanch at:

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*Save energy, money and the
environment!!!*